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16085 U.S.P.T.O.
020604UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 1190860-991430

First Inventor Sang-Soo KIM

Title Method And Apparatus For..

Express Mail Label No. EV 302280068 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-145016085 U.S.P.T.O.
10/7/2004

020604

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 15]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Sheets 4]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Reader Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1499 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Certificate of Mailing;
Check No. 553-37

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____

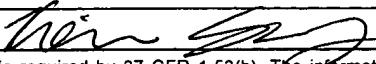
Art Unit: _____

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number: 26379 OR Correspondence address below

Name	K. Jenny Sung		
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Name (Print/Type)	K. JENNY SUNG	Registration No. (Attorney/Agent)	48,639
Signature			
		Date	February 6, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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020604 985 US		Fee Transmittal for FY 2004			
Effective 10/01/2003. Patent fees are subject to annual revision.					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		TOTAL AMOUNT OF PAYMENT (\$) 882.00			
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES			
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 07-1896 Deposit Account Name: Gray Cary Ware & Freidenrich LLP		Large Entity Small Entity			
The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		Fee Description			
FEE CALCULATION		Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770.00 1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee SUBTOTAL(1) (\$) 770.00			
1. BASIC FILING FEE		Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770.00 1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee SUBTOTAL(1) (\$) 770.00			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		Fee from below Extra Claims Fee Paid Total Claims 24 -20** = 4 X 18 = 72.00 Independent Claims 03 -3** = 0 X 86 = 0 Multiple Dependent			
Large Entity Small Entity		Fee Description			
Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 72.00		Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 72.00			
<small>**or number previously paid, if greater; For Reissues, see above</small>		<small>*Reduced by Basic Filing Fee Paid</small>		Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify)	
<small>**or number previously paid, if greater; For Reissues, see above</small>		<small>*Reduced by Basic Filing Fee Paid</small>		Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a submission after final rejection (37 CFR 1.129(a)) 1403 290 2403 145 For each additional invention to be examined (37 CFR 1.129(b)) 1451 1,510 1451 1,510 Request for Continued Examination (RCE) 1452 110 2452 55 Request for expedited examination of a design application 1453 1,330 2453 665 Other fee (specify)	
<small>**or number previously paid, if greater; For Reissues, see above</small>		<small>*Reduced by Basic Filing Fee Paid</small>		Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a submission after final rejection (37 CFR 1.129(a)) 1403 290 2403 145 For each additional invention to be examined (37 CFR 1.129(b)) 1451 1,510 1451 1,510 Request for Continued Examination (RCE) 1452 110 2452 55 Request for expedited examination of a design application 1453 1,330 2453 665 Other fee (specify)	
SUBMITTED BY		<small>(Complete if applicable)</small>			
Name (Print/Type) K. Jenny Sung		Registration No. (Attorney/Agent) 48,639		Telephone 650-833-2121	
Signature 				Date February 6, 2004	

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)				Docket No. 1190860-991430
Applicants: S. Kim, J. Park, S. Moon and G. Lee				
Serial No. Not Yet Assigned	Filing Date February 6, 2004	Examiner Not Yet Assigned	Group Art Unit N/A	
Invention:				
METHOD AND APPARATUS FOR DRIVING A LIQUID CRYSTAL DISPLAY BY GENERATING COLOR-SPECIFIC GRAY VOLTAGES				
<p>I hereby certify that this <u>UTILITY PATENT APPLICATION</u> <small>(Identify type of correspondence)</small></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop Patent Application on <u>February 6, 2004</u>.</p>				
 <hr/> <small>(Typed or Printed Name of Person Mailing Correspondence)</small>				
<p><u>SUSAN C. PINGUE</u> <small>(Signature of Person Mailing Correspondence)</small></p>				
<p>EV 302280068 US <small>("Express Mail" Mailing Label Number)</small></p>				